



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 173601

TO: Jegatheesan Seharaseyon
Location: rem-4c61/4c70
Art Unit: 1647
Thursday, December 15, 2005
Case Serial Number: 10/008721

From: Kristine Hensle
Location: Biotech-Chem Library
REM-1B69
Phone: (571) 272-4161

Kristine. Hensle@uspto.gov

Search Notes

Examiner Seharaseyon,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Kristine Hensle
Librarian
STIC Biotech/Chem Library
(571)272-4161

173601

STIC-Biotech/ChemLib

From: Seharaseyon, Jegatheesan
Sent: Tuesday, December 06, 2005 4:57 PM
To: STIC-Biotech/ChemLib
Subject: RE:10/008721

Hi,

Can you please do an interference search for SEQ ID NO: 6 and 7 of 10/008721. Thanks.

Seyon
J. Seharaseyon
Art Unit 1647
Remsen 4C61
Mailbox 4C70
Phone: (571)-272-0892
Fax: (571)-273-0892

RECEIVED
DEC - 7 2005
STIC/CLERK, LIT
(STIC)

Searcher: _____
Searcher Phone: _____
Date Searcher Picked up: _____
Date completed: _____
Searcher Prep Time: _____
Online Time: _____

Type of Search
NA# _____ AA# _____
S/L: _____ Oligomer: _____
Encode/Transl: _____
Structure #: _____ Text: _____
Inventor: _____ Litigation: _____

Vendors and cost where applicable
STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other (Specify): _____

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: December 13, 2005, 21:35:15 ; Search time 106.5 Seconds
(without alignments)
2336.701 Million cell updates/sec

Title: US-10-008-721-7

Perfect score: 140

Sequence: 1 ctggccactattaccctc.....gggactctctccgaacc 140

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:**

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- 2: /cgm2_6/ptodata/1/ina/5 COMB.seq:**
- 3: /cgm2_6/ptodata/1/ina/6A COMB.seq:**
- 4: /cgm2_6/ptodata/1/ina/6B COMB.seq:**
- 5: /cgm2_6/ptodata/1/ina/H COMB.seq:**
- 6: /cgm2_6/ptodata/1/ina/PCTUS COMB.seq:**
- 7: /cgm2_6/ptodata/1/ina/PP COMB.seq:**
- 8: /cgm2_6/ptodata/1/ina/RE COMB.seq:**
- 9: /cgm2_6/ptodata/1/ina/backfiles1.seq:**

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	49	35.0	7218	2	US-08-232-463-14
C 2	44.8	32.0	179904	3	Sequence 14, Appl
C 3	44.8	32.0	179905	3	Sequence 577, App
C 4	44.6	31.9	101951	3	Sequence 705, Appl
C 5	44.4	31.7	46823	3	Sequence 15648, A
C 6	44.4	31.7	46940	3	Sequence 12723, A
C 7	44.4	31.7	99748	3	Sequence 16252, A
C 8	44.4	31.7	99749	3	Sequence 11990, A
9	44	31.4	500	3	Sequence 16518, A
10	43.8	31.3	601	3	Sequence 15742, A
11	43.8	31.3	117807	3	Sequence 135107, A
12	43.2	30.9	865	3	Sequence 15525, A
C 13	43.2	30.9	16782	3	Sequence 11042, A
C 14	43	30.7	320	3	Sequence 17291, A
C 15	42.8	30.6	320	3	Sequence 14, Appl
C 16	42.4	30.3	320	3	Sequence 11, Appl
C 17	42.4	30.3	53526	3	Sequence 13, Appl
C 18	42.4	30.3	53577	3	Sequence 2, Appl
C 19	42.4	30.3	53577	3	Sequence 1, Appl
C 20	42.4	30.3	119032	3	Sequence 12160, A
C 21	42.4	30.3	119032	3	Sequence 17268, A
C 22	42.2	30.1	320	3	Sequence 7, Appl
C 23	41.8	29.9	1469	3	Sequence 12, Appl
C 24	41.6	29.7	318	3	Sequence 12, Appl

Sequence 8, Appl
Sequence 13747, A
Sequence 12656, A
Sequence 13639, A
Sequence 13746, A
Sequence 16801, A
Sequence 13182, A
Sequence 2184, A
Sequence 185, App
Sequence 184, App
Sequence 1723, App
Sequence 1970, App
Sequence 12254, A
Sequence 14621, A
Sequence 14761, A
Sequence 14080, A
Sequence 14608, A
Sequence 127819, A
Sequence 127820, A

C 25 41.2 29.4 319 3 US-09-165-264-8
C 26 41.2 29.4 264665 3 US-09-949-016-13747
C 27 41 29.3 253345 3 US-09-949-016-12856
C 28 41 29.3 253364 3 US-09-949-016-13639
C 29 40.6 29.0 936 3 US-09-270-767-4464
C 30 40.6 29.0 936 3 US-09-270-767-19746
C 31 40.6 29.0 9293 3 US-09-949-016-16801
C 32 40.6 29.0 37875 3 US-09-949-016-13182
C 33 40.4 28.9 204 3 US-09-107-433-2184
C 34 40.4 28.9 209 3 US-09-107-433-185
C 35 40.4 28.9 282 3 US-09-107-433-184
C 36 40.4 28.9 308 3 US-09-107-433-1723
C 37 40.4 28.9 612 3 US-09-107-433-1970
C 38 40.2 28.7 83617 3 US-09-949-016-12254
C 39 40.2 28.7 87870 3 US-09-949-016-14661
C 40 39.8 28.4 390890 3 US-09-949-016-14720
C 41 39.6 28.3 12001 2 US-08-458-568A-11
C 42 39.6 28.3 60990 3 US-09-949-016-14080
C 43 39.6 28.3 256287 3 US-09-949-016-14608
C 44 39.4 28.1 601 3 US-09-949-016-127819
C 45 39.4 28.1 601 3 US-09-949-016-127820

ALIGNMENTS

RESULT 1
US-08-232-463-14
; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHEIFLINGER, F.
; APPLICANT: FALKNER, F. G.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300.6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: pTZ9pt-P18

[illegible]

Matches 72; Conservative 0; Mismatches 46; Indels 0; Gaps 0

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Db 70181 C C T C T C T C C C C C T C T C C T C G C T C T C T C T C C C C T T C T C T C T C T C T T G C T C C 70122

Qy 77 G C C C G G T C C C C T C C C G G C T C T C A C G C A C G C G A G C C T T C G G G A T C C T C C T C C C 134

Db 70121 T C T C C T C T C C C C T C C T C C T C G G T C T C C T C T C C C C C T C C T C T A T C C T C T C T C 70064

RESULT 9

US-09-866-108A-15742

; Sequence 15742, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: ABOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeonica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 15742

; LENGTH: 500

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-15742

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RESULT 10
US-09-949-016-135107
; Sequence 135107, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CLO01307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135107
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-135107

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Best Local Similarity 60.5%; Pred. No. 0.02;
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Qy      76   CGCCCCCTCCCTCCCGGGGTGTGACGCACACGCCGAGCTTCGGGATCCTCTCTCC    134
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RESULT 11
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; Sequence 15525, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CLU01307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15525
; LENGTH: 117807
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-15525

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Best Local Similarity 60.5%; Pred. No. 0.036;
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Qy      76   CGCCCCGTCCCCCTCCGGCGGTGTGACGCAGACACGCCAGCCTTCGGGATCCTCTCTCCC 134

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Search completed: December 13, 2005, 23:57:53
Job time : 108.5 secs

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C 2	140	100.0	140	5	US-10-010-920-7	Sequence 7, Appli
C 3	140	100.0	140	5	US-10-008-721-6	Sequence 6, Appli
C 4	140	100.0	140	5	US-10-008-721-7	Sequence 7, Appli
C 5	140	100.0	771	5	US-10-010-920-4	Sequence 4, Appli
C 6	140	100.0	771	5	US-10-010-920-5	Sequence 5, Appli
C 7	140	100.0	771	5	US-10-008-721-4	Sequence 4, Appli
C 8	140	100.0	771	5	US-10-008-721-5	Sequence 5, Appli
C 9	140	100.0	955	5	US-10-010-920-3	Sequence 3, Appli
C 10	140	100.0	955	5	US-10-008-721-3	Sequence 3, Appli
C 11	50.4	36.0	424	7	US-10-437-963-49515	Sequence 49515, A
C 12	48	34.3	995	8	US-10-425-115-91623	Sequence 91623, A
C 13	47.6	34.0	408	7	US-10-021-323-5007	Sequence 5007, Ap
C 14	47	33.6	588	7	US-10-021-323-9377	Sequence 9377, Ap
C 15	46.6	33.3	406	7	US-10-021-323-14271	Sequence 14271, A
C 16	46.6	33.3	891	8	US-10-425-115-146045	Sequence 146045,
C 17	46.6	33.3	20345	8	US-10-292-798-705	Sequence 705, App
C 18	46.4	33.1	675	8	US-10-425-115-45871	Sequence 45871, A
C 19	46.2	33.0	92219	8	US-10-322-281-805	Sequence 805, App
C 20	46	32.9	692	8	US-10-425-115-26028	Sequence 26028, A
C 21	45.8	32.7	804	7	US-10-424-599-100535	Sequence 100535,
C 22	45.6	32.6	614	8	US-10-425-115-94057	Sequence 94057, A
C 23	45.6	32.6	629	7	US-10-021-323-9375	Sequence 9375, Ap

GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: December 13, 2005, 21:35:15 ; Search time 106.5 Seconds
(without alignments)
2336.701 Million cell updates/sec

Title: US-10-008-721-6

Perfect score: 140

Sequence: 1 ggggtcggaggaggatcccc.....gagggtataatagtgggccag 140

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

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- 3: /cgn2_6/ptodata/1/ina/6A COMB.seq:*
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- 5: /cgn2_6/ptodata/1/ina/H COMB.seq:*
- 6: /cgn2_6/ptodata/1/ina/PCTUS COMB.seq:*
- 7: /cgn2_6/ptodata/1/ina/PP COMB.seq:*
- 8: /cgn2_6/ptodata/1/ina/RE COMB.seq:*
- 9: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	49	35.0	7218	2	US-08-232-463-14
C 2	44.8	32.0	179904	3	Sequence 14, Appl
C 3	44.8	32.0	179905	3	Sequence 577, App
C 4	44.6	31.9	101951	3	Sequence 705, App
C 5	44.4	31.7	46823	3	Sequence 15648, A
C 6	44.4	31.7	46940	3	Sequence 12723, A
C 7	44.4	31.7	99748	3	Sequence 16252, A
C 8	44.4	31.7	99749	3	Sequence 11990, A
C 9	44	31.4	500	3	Sequence 16518, A
C 10	43.8	31.3	601	3	Sequence 15742, A
C 11	43.8	31.3	117807	3	Sequence 135107, A
C 12	43.2	30.9	865	3	Sequence 15525, A
C 13	43.2	30.9	16782	3	Sequence 11042, A
C 14	43	30.7	320	3	Sequence 17291, A
C 15	42.8	30.6	320	3	Sequence 14, Appl
C 16	42.4	30.3	320	3	Sequence 11, Appl
C 17	42.4	30.3	53526	3	Sequence 13, Appl
C 18	42.4	30.3	53577	3	Sequence 2, Appl
C 19	42.4	30.3	53577	3	Sequence 1, Appl
C 20	42.4	30.3	119032	3	Sequence 1, Appl
C 21	42.4	30.3	119032	3	Sequence 12160, A
C 22	42.2	30.1	320	3	Sequence 17268, A
C 23	41.8	29.9	1469	3	Sequence 7, Appl
C 24	41.6	29.7	318	3	Sequence 12, Appl
C 25	41.2	29.4	319	3	Sequence 12, Appl
C 26	41.2	29.4	264665	3	Sequence 13747, A
C 27	41	29.3	253345	3	Sequence 13656, A
C 28	41	29.3	253364	3	Sequence 13639, A
C 29	40.6	29.0	936	3	Sequence 4464, Ap
C 30	40.6	29.0	936	3	Sequence 13746, A
C 31	40.6	29.0	9293	3	Sequence 16801, A
C 32	40.6	29.0	37875	3	Sequence 13182, A
C 33	40.4	28.9	204	3	Sequence 2184, Ap
C 34	40.4	28.9	209	3	Sequence 185, App
C 35	40.4	28.9	282	3	Sequence 184, App
C 36	40.4	28.9	308	3	Sequence 1723, Ap
C 37	40.4	28.9	612	3	Sequence 1370, Ap
C 38	40.2	28.7	83617	3	Sequence 12254, A
C 39	40.2	28.7	87870	3	Sequence 1461, A
C 40	39.8	28.4	390890	3	Sequence 1461, A
C 41	39.6	28.3	12001	2	Sequence 1461, A
C 42	39.6	28.3	60990	3	Sequence 14080, A
C 43	39.6	28.3	256287	3	Sequence 11, Appl
C 44	39.4	28.1	601	3	Sequence 14608, A
C 45	39.4	28.1	601	3	Sequence 127819, A
C 46	39.4	28.1	601	3	Sequence 127820, A

ALIGNMENTS

RESULT 1

US-08-232-463-14/c
; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHEIFLINGER, F.
; APPLICANT: FALKNER, F. G.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300.6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: pTZgpt-F1s

Sequence 8, Appl1
Sequence 13747, A
Sequence 13656, A
Sequence 13639, A
Sequence 4464, Ap
Sequence 13746, A
Sequence 16801, A
Sequence 13182, A
Sequence 2184, Ap
Sequence 185, App
Sequence 184, App
Sequence 1723, Ap
Sequence 1370, Ap
Sequence 12254, A
Sequence 1461, A
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Sequence 14080, A
Sequence 11, Appl
Sequence 14608, A
Sequence 127819, A
Sequence 127820, A

US-08-232-463-14

Query Match 35.0%; Score 49; DB 2; Length 7218;
Best Local Similarity 3.0%; Pred. No. 0.0013;
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Db 1439 GGTACRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1380
Qy 62 GCGCGGAGTACTGGGGAGAAATCGGAGGACGAAGGAGGGGGAAGAGCAGGGAGGG 121
Db 1379 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1320
Qy 122 AGGGTAAATAGTGGG 136
Db 1319 RRRRRRRRRRRRR 1305

RESULT 2

US-09-949-002-577
Sequence 577, Application US/09949002
Patent No. 6900016

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
AND USES THEREOF

FILE REFERENCE: CL000790

CURRENT APPLICATION NUMBER: US/09/949,002

CURRENT FILING DATE: 2000-01-28

PRIOR APPLICATION NUMBER: 60/231,401

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 10823

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 577

LENGTH: 179904

TYPE: DNA

ORGANISM: Human

US-09-949-002-577

Query Match 32.0%; Score 44.8; DB 3; Length 179904;
Best Local Similarity 58.1%; Pred. No. 0.021;
Matches 79; Conservative 0; Mismatches 57; Indels 0; Gaps 0;

Qy 1 GGGTTCGGGAGGAGATCCCGAAGGCTCGCGTGTGCTCAGACGCCGGAGGGGACG 60
Db 157072 GGGACCTGCTAGCCTCTCGAGAGGTGAATGCAGATCATAGCAGGGGAGGAAGGA 157131
Qy 61 GCGCGGGGAGTGTGGGGAGAAATGGGAGGACGAAGGGAGGGGAAAGGACAGGGAGGG 120
Db 157132 GGGAGGGAAGGGAGGAGGAGGAGAGAGAGAAACAGAGGGGAGGAGAGAGAGAGAA 157191
Qy 121 GAGGGTAAATAGTGGG 136
Db 157192 AAGGATGGAGGGAGGG 157207

RESULT 3

US-09-949-002-705

Sequence 705, Application US/09949002
Patent No. 6900016

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
AND USES THEREOF

FILE REFERENCE: CL000790

CURRENT APPLICATION NUMBER: US/09/949,002

CURRENT FILING DATE: 2000-01-28

PRIOR APPLICATION NUMBER: 60/231,401

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 10823

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 705

LENGTH: 179905

TYPE: DNA

ORGANISM: Human

US-09-949-002-705

Query Match 32.0%; Score 44.8; DB 3; Length 179905;
Best Local Similarity 58.1%; Pred. No. 0.021;
Matches 79; Conservative 0; Mismatches 57; Indels 0; Gaps 0;

Qy 1 GGGTTCGGGAGGAGATCCCGAAGGCTCGCGTGTGCTCAGACGCCGGAGGGGACG 60
Db 157072 GGGGACCTGCTAGCCTCTCGAGAGGTGAATGCAGATCATAGCAGGGGAGGAAGGA 157131
Qy 61 GCGCGGGGAGTGTGGGGAGAAATGGGAGGACGAAGGGAGGGGAAAGGACAGGGAGGG 120
Db 157132 GGGAGGGAAGGGAGGAGGAGAGAGAGAAACAGAGGGGAGAGAGACAGAGGAGAA 157191
Qy 121 GAGGGTAAATAGTGGG 136
Db 157192 AAGGATGGAGGGAGGG 157207

RESULT 4

US-09-949-016-15648/c

Sequence 15648, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION
AND USES THEREOF

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 15648

LENGTH: 101951

TYPE: DNA

ORGANISM: Human

US-09-949-016-15648

Query Match 31.9%; Score 44.6; DB 3; Length 101951;
Best Local Similarity 71.1%; Pred. No. 0.022;
Matches 59; Conservative 0; Mismatches 24; Indels 0; Gaps 0;

Qy 43 GACGCCGGGAGGGGAGCGGGGGGGAGTAGTGGGGGAGAAATGGGAGGACGAAGGGAGGG 102
Db 28062 GAGGAGGGAGGGGAGGGAGGGGAGGGGGGGGGGAGTGGAGGGGGGGGAG 28003
Qy 103 GGAAGGACAGGGGAGGGGAGGG 125
Db 28002 GCGAGGGGAGGGGAGGGGAGCG 27980

RESULT 5

US-09-949-016-12723

Sequence 12723, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION
AND USES THEREOF

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

Matches	72;	Conservative	0;	Mismatches	46;	Indels	0;	Gaps	0;
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Qy	7	GGGAGGAGGATCCGAGAGGTCGCGCTGCTCAGACCGCGGAGGGGAGCGGGCGG	66
Db	70064	GAGGAGAGGTATAGAGGAGGGGAGAGGAGCGGAGAGGAGGAGGAGGAGGAGG	70123
Qy	67	GGAGTAGTGGGGAGGATGGAGGACGACMAGGGGAGGGGAAAGCACAGGGGAGGGGAGG	124
Db	70124	AGAGCAAGAGGAGAGAGGGGGAGAGGAGCGAGGAGGAGAGGCGGGAGAGGAGGAGG	70181

RESULT 9			
US-09-866-108A-15742/c			
; Sequence 15742, Application US/09866108A			
; Patent No. 6686188			
; GENERAL INFORMATION:			
; APPLICANT: GU, Yizhong			
; APPLICANT: JI, Yonggang			
; APPLICANT: PENN, Sharron G.			
; APPLICANT: HANZEL, David K.			
; APPLICANT: RANK, David R.			
; APPLICANT: CHEN, Wensheng			
; APPLICANT: SHANNON, Mark			
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE			
; FILE REFERENCE: AEOMICA-7			
; CURRENT APPLICATION NUMBER: US/09/866,108A			
; CURRENT FILING DATE: 2001-05-25			
; PRIOR APPLICATION NUMBER: US 60/207,456			
; PRIOR FILING DATE: 2000-05-26			
; PRIOR APPLICATION NUMBER: GB 24263.6			
; PRIOR FILING DATE: 2000-10-04			
; PRIOR APPLICATION NUMBER: US 60/236,359			
; PRIOR FILING DATE: 2000-09-27			
; PRIOR APPLICATION NUMBER: PCT/US01/00666			
; PRIOR FILING DATE: 2001-01-30			
; PRIOR APPLICATION NUMBER: PCT/US01/00667			
; PRIOR FILING DATE: 2001-01-30			
; PRIOR APPLICATION NUMBER: PCT/US01/00664			
; PRIOR FILING DATE: 2001-01-30			
; PRIOR APPLICATION NUMBER: PCT/US01/00669			
; PRIOR FILING DATE: 2001-01-30			
; PRIOR APPLICATION NUMBER: PCT/US01/00665			
; PRIOR FILING DATE: 2001-01-30			
; PRIOR APPLICATION NUMBER: PCT/US01/00668			
; PRIOR FILING DATE: 2001-01-30			
; PRIOR APPLICATION NUMBER: PCT/US01/00663			
; PRIOR FILING DATE: 2001-01-30			
; Remaining Prior Application data removed - See File Wrapper or PALM.			
; NUMBER OF SEQ ID NOS: 15755			
; SOFTWARE: Aeomica Sequence Listing Engine			
; Patent No. 6686188			
; SEQ ID NO 15742			
; LENGTH: 500			
; TYPE: DNA			
; ORGANISM: Homo sapiens			
US-09-866-108A-15742			

